DATE CONSIDERED

9/29/04

AT

EXAMINER

Science, 229:1202-1207 (1985).

PHULL GAMBER

	PTO-1449 REPRODUCED				ATTORNEY DOCKET NO. 0975.1005-014	APPLICAT				
5. /j	OIP	INFORMATION DISCLOSURE CITATION IN AN APPLICATION			APPLICANT Junming Le et al.			ECE		
	September 19, 2002		FILING DATE December 7, 2001	GROUP 1644		SEP 2 5				
剧	20 1	<u>,</u>			PATENT DOCUMENTS		TECH	CENTER	160	
- [EKAM- INEPAL INI- TIAL	EMAR	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING IF APPROP	,	
ľ	No	AA2	5,776,947	07/07/98	Kroemer et al.	514	312			
ľ		AB2	6,015,558	01/18/00	Hotamisligil et al.	424	142.1			
ľ		AC2	6,172,202 Bl	01/09/01	Marcucci et al.	530	406			
		AD2	6,194,451 B1	02/27/01	Alpegiani et al.	514	459			
F										
		·		FOREIG	N PATENT DOCUMENTS	- ₁				
			DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSL YES	ATION NO	
Ī		AL2	0 398 327 A1	22 NOV 90	EPO					
		AM2	0 412 486 A1	13 FEB 91	EPO					
		AN2	0 433 900 A1	26 JUN 91	EPO					
		A02	0 526 905 A2	10 FEB 93	EPO					
		AP2	WO91/02078	21 FEB 91	PCT					
		AQ2	WO92/07076	30 APR 92	PCT					
		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
		AU	Antibodies Agai:	nst Recombi	roduction and Characte nant Human Tumor Necro mm., 137(2):847-854 (1	sis Fact	n of Mon tor/Cac	noclon hectin	al ,"	
		AV	Hirai, Makoto et al., "Production and characterization of monoclonal antibodies to human tumor necrosis factor," J. of Immun. Methods, 96:57-62 (1987).							
		AW	Effector of Ski	n and Gut L	t al., "Tumor Necrosis Factor/Cachectin is an Lesions of the Acute Phase of Graft-vsHost 66:1280-1289 (1987).					
		AX	Antibodies Dire	Meager, Anthony et al., "Preparation and Characterization of Monoclonal Antibodies Directed Against Antigenic Determinants of Recombinant Human Tumour Necrosis Factor (rTNF)," Hybridoma, 6(3):305-311 (1987).						
	M	AY	Fendly, Brian M Neutralizing Ep 370 (1987).	. et al., " itopes on T	Murine Monoclonal Anti umor Necrosis Factor,"	bodies Hybrid	Definin oma, 6(g 4):359	-	
	EXAMI		PHULL CAMP	nel-	DATE CONSIDERED C1/14/04					

PTO-144	9 REPRO	DDUCED		ATTORNEY DOCKET NO.	APPLICAT				
	INFOR	MATION DISCLOSURE 9	RAIT POE	0975.1005-014	10/010		-05:		
- 3.00a		IN AN APPLICATION	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	APPLICANT Junming Le et al.	⊶¢ লে∹টু	الكيد المناسبية في المانة	ECE		
	(Use	September 19, 2002		FILING DATE December 7, 2001	GROUP 1644	St	SEP 2 5 2002		
				PATENT DOCUMENTS		TECH C	ENIER	1600/	
EXAM- INER INI- IIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING II APPROP	7	
			BODELG	A DAMPAR DOVINGATE					
	T		POREIG	N PATENT DOCUMENTS		SUB-	TRANSL	ATION	
٠		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	CLASS	YES	МО	
N	AL3	WO 92/13095	06 AUG 92	PCT	/				
(АМ3	0 260 610 A2	23 MAR 88	EPO					
	AN3	91/09967	11 JUL 91	PCT					
	A03	0 351 789 A2	24 JAN 90	EPO					
	AP3	0 350 690 A2	17 JAN 90	EPO					
	AQ3	90/00902	08 FEB 90	PCT					
	AL4	WO 92/11383	09 JUL 92	PCT					
	AM4	WO 93/02108	04 FEB 93	PCT					
	AN4	WO 92/16553	19 MAR 92	PCT	-				
		OTHER DOCUMENTS	(Including Au	thor, Title, Date, Pertinen	t Pages,	Etc.)			
T Appendix	A2	Human Tumor Nec	rosis Facto: mmunoassays	ggarwal, Bharat B., "Mors Alpha and Beta App , and as Structural Pro	licatio	ns for I	Affini	to ty	
	AR2	Tracey, Kevin J prevent septic (1987).	. et al., "A shock during	Anti-cachectin/TNF monog lethal bacteraemia,"	oclonal Nature	antibo , 330:6	dies 62-664	:	
	AS2	Nagai, M. et al endotoxin fever	., "Antibod ," <i>Experien</i>	y to tumor necrosis fa tia, 44:606-607 (1988)	ctor (T	NF) red	uces 		
	AT2	Shimamoto, Yosh recombinant tum Immunology Lett	or necrosis	., "Monoclonal antibod factor: prevention of -318 (1988).	ies aga endoto	inst hu xic sho	man ck,"		
	AU2	Di Giovine, Fra exudates, " Anna	ncesco, S. ls of the R	et al., "Tumour necros heumatic Diseases, 47:	is facto 768-772	or in s	ynovia ·	1	
M	AV2	with a Human Mo	noclonal An	unoprophylaxis of Poly tibody Against Lipopol bstract E-63, Abstract	ysaccha:	ride An	tigen	of	
EXAMII	NER _	0 /		DATE CONSIDERED					
	F	und Gome	とて	9/29/04					

PTO-1449	PTO-1449 REPRODUCED			ATTORNEY DOCKET NO. 0975.1005-014	APPLICAT				
	INFOR	MATION DISCLOSURE 21 IN AN APPLICATION	TAHON E	APPLICANT Junming Le et al.		and the same	ECEI	. ∦	
	September 19, 2002 SEP 2 3 2002 (Use several sheets if nepessary)			PILING DATE December 7, 2001	GROUP 1644		ep 2-5 Center		
		30.02.2	<u> </u>	PATENT DOCUMENTS	J		ACINI CIT	roco _n e	
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE		
	L	<u> </u>	FOREIG	N PATENT DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA YES	NOIT ON	
Mo	A04	WO 91/09967	11 JUL 91	PCT					
1	AP4	0 486 526 B2	07 MAR 01	EPO					
	AQ4	WO 92/02190	10 JUN 92	PCT					
	AL5	0 288 088 B1	26 OCT 88	EPO					
	AM5	0 351 789 B1	24 JAN 90	EPO					
	AN5	0 453 898 A2	30 OCT 91	EPO				Х	
	A05	0 585 705 A1	09 MAR 94	EPO					
	AP5	0 614 984 A2	14 SEP 94	EPO					
	AQ5	0 663 836 B1	26 JUL 95	EPO					
	AL6	WO 89/08460	21 SEP 89	PCT					
	AM6	WO 90/01950	08 MAR 90	PCT			essendires, p		
		OTHER DOCUMENTS	(Including Au	thor, Title, Date, Pertinen	t Pages,	Btc.)			
	Exley, A.R. et al., "Monoclonal Antibody (Mab) to Recombinant Human Tumour Necrosis Factor (rhTNF) in the Prophylaxis and Treatment of Endotoxic Shock in Cynomolgus Monkeys," Medical Research Society, Abstract 184, p. 50 (1989).								
	AX2	Necrosis Factor	α/Cachecti:	eatment with Recombinar n and Murine Interleuk ction," <i>J of Exp Med.</i> ,	in 1α	Protect	s Mice		
N	AY2	Purified to Hom	ogeneity from	"A Tumor Necrosis Factor om Human Urine Protects J. of Bio. Chem., 264	s Cells	from T	umor		
EXAMI	NER	2	_	DATE CONSIDERED					
		74um (sm	(A)	9/29/04				- 1	

PTO-1449 REPRODUCED			ATTORNEY DOCKET NO. 0975.1005-014	APPLICATION NO. 10/010,229				
	INPOR	MATION DISCLOSURE CI	SEP 2 3 7007	APPLICANT Junming Le et al.	~ J.72173		CEIV	ED
	(1100	September 19, 2002 several sheets if neces		FILING DATE December 7, 2001	GROUP 1644	TECH CE	VTCD 46	002
	1056	Several succes 11 meets	C. III	PATENT DOCUMENTS		TECH CE	41 C H-10	VV/23
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING II APPROP	?
			FOREIG	N PATENT DOCUMENTS		1	T	
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSL YES	ATION NO
AB	AN6	WO 91/04054	04 APR 91	PCT				
17	A06	WO 92/01472	06 FEB 92	PCT				
	AP6	WO 93/11236	10 JUN 93	PCT				
	AQ6	WO 94/08609	28 APR 94	PCT				
	AL7	WO 94/08619	28 APR 94	PCT				
		OTHER DOCUMENTS	(Including Au	thor, Title, Date, Pertinen	t Pages,	Btc.)^		
	AZ2	Using a Monoclo	nal Antibody	Analysis of Endotoxin ; y to Tumor Necrosis Fa (10):3131-3135 (1989).	Fever i	n Rabbi Lachecti	ts by n),"	
	AR3	Reduce Interleul	$kin 1\beta$ and	odies to Cachectin/Tum Interleukin 6 Appearan 170:1627-1633 (1989).	or Necr ce Duri	rosis Fa ing Leth	ctor al	
real distinct	AS3	Von Asmuth, E.J Interleukin 6 in 32:313-319 (1990	n a Zymosan	"Tumour Necrosis Fact -Induced Shock Model,"	or Alph Scand.	na (TNF- . <i>J. Imm</i>	α) and unol.,	l
	AT3	Herve, P. et al Severe Acute Gvl (1990)	., "Monoclo HD in Human	nal Anti TNF α Antibod s," Abstract 3.25, <i>Lym</i>	y for t phoma H	the Trea	tment 91	of
	AU3	Monoclonal Antil	body to Tum	rophylactic and Therap or Necrosis Factor- $lpha$ i ectious Diseases, 162:	n Exper	riméntal	Gram-	-
	AV3	Against Tumor No	ecrosis Fac n with <i>Pseu</i>	fficacy of a Monoclona tor in Protecting Neut domonas aeruginosa," J 990).	ropenio	Rats f	rom	
	AW3	of Tumour Necro	sis Factor.	alysis of the Structur Human/Mouse Chimeric lysis," <i>J. Mol. Biol.</i> ,	TNF Pro	oteins:	Genera	al
	АХЗ	Lucas, R. et al rat anti-rm TNF	., "Generat -α monoclon	ion and characterizati al antibody," <i>Immunolo</i>	on of a	neutra :218-223	lizing (1990)).
EXAMIN	NER (Hun Grap	A_	DATE CONSIDERED Q/ 29/04				

PTO-144	9 REPRO			ATTORNEY DOCKET NO. APPLICATION NO							
	INFOR	MATION DISCLOSURE OF IN AN APPLICATION	S ANDERSON	APPLICANT RECEIVED							
	(Use s	September 19, 2002 several sheets if the	H	FILING DATE December 7, 2001	GROUP 1644		P 2 5				
-	·	\		PATENT DOCUMENTS		TECH C	NTER	600/2			
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING IF APPROP	·			
	FOREIGN PATENT DOCUMENTS										
		DOCUMENT NUMBER	DATE -	COUNTRY	CLASS	SUB- CLASS	TRANSL YES	NO NO			
-											
			/=12/ 1	The Date Postine	t Pagag	Pta)					
		·		thor, Title, Date, Pertinen			-1-				
Ro	AY3	Hinshaw, L.B. et Following Therag Circulatory Shoo	y with Ant:	Survival of Primates in LD ₁₀₀ Septic Shock Antibody to Tumor Necrosis Factor (TNFα)," 79-292 (1990).							
	AZ3	Nophar, Yaron et al., "Soluble forms of tumor necrosis factor recept (TNF-Rs). The cDNA for the type 1 TNF-R, cloned using amino acid sequence data of its soluble form, encodes both the cell surface and soluble form of the receptor," The EMBO Journal, 9(10):3269-3278 (1990).									
	AR4	Engelmann, Hartm Purified from Hu	ngelmann, Hartmut et al., "Two Tumor Necrosis Factor-binding Protein urified from Human Urine," J. of Bio. Chem., 265(3):1531-1536 (1990								
	AS4	the Diagnosis ar	rerhoef, J. and Torensma, R., "Prospects for Monoclonal Antibodies in he Diagnosis and Treatment of Bacterial Infections," Eur. J. Clin. Microbiol. Dis., 9(4):247-250 (1990).								
	AT4	Loetscher, Hansı Human 55 kd Tumo	ruedi <i>et al</i> or Necrosis	, "Molecular Cloning a Factor Receptor," <i>Cel</i>	and Exp	ression 51-359	of th (1990)	e			
,	AU4	Schall, Thomas C Receptor for Hum	J. et al., man Tumor N	"Molecular Cloning and ecrosis Factor," <i>C</i> ell,	Express 61:361	sion of -370 (1	a 990).				
	AV4	Production of Po	olymorphonu	onuclear Cells Enhance clear Leukocytes via Tu sical Research Comm.,	umor Nec	crosis 1	Factor).			
	AW4	Exley, A.R. et a shock," The Land	al., "Monoc cet, 335:12	lonal antibody to TNF : 75-1277 (1990).	in seve	re sept	ic				
	AX4	Möller, Achim e Factor α: In Vi (1990).	t al:, "Mono tro and In	oclonal Antibodies to D Vivo Application," Cyt	Human Ti okine,	umor Ne 2(3):16	crosis 2-169				
M	AY4	Factor Prevents	Ruddle, Nancy H. et al., "An Antibody to Lymphotoxin and Tumor Necros Factor Prevents Transfer of Experimental Allergic Encephalomyelitis, J. Exp. Med., 172:1193-1200 (1990).					sis "			
EXAMI		D(14 1 BC . 001).n	DATE CONSIDERED			· — —				

.	PTO	-1449	REPRO	DUCED	ATTORNEY DOCKET NO. 0975.1005-014	APPLICATION NO. 10/010,229							
pr - pr				MATION DISCLOSURE CLASTICS IN AN APPLICATION	APPLICANT Junming Le et al.	RECEIVED							
				September 19, 2002 P 2 3 2002 everal sheets if pacessary)	FILING DATE December 7, 2001	GROUP SEP 2 5 2002							
			use s	OTHER DOCUMENTS Including Au		Pages, Btc.)							
			AZ4	Galloway, Cynthia J. et al									
	N		_	(TNF) antibodies protect mo	mouse and human cells from TNF cytotoxicity,"								
		_	AR5	Waldmann, Thomas A., "Mono Science, 252:1657-1662 (19	oclonal Antibodies in Diagnosis and Therapy," 991).								
*			ASS Aderka, Dan et al., "The Possible Role of Tumor Necrosis Factor (TNF) and Its Natural Inhibitors, The Soluble-TNF Receptors, In Autoimmune Diseases," Israel J. Med. Sci., 28(2):126-130 (1992).										
	Pennington, James, "TNF: Therapeutic Target in Patients with Sepsis," ASM News, 58(9):479-482 (1992).												
	Harris, William J. and Emery, Steven, "Therapeutic antibodies - the coming of age," TBTECH, 11:42-44 (1993).												
			AV5	Parrillo, Joseph E., "Pathogenetic Mechanisms of Septic Shock," N.E. Tournal of Medicine, 328(20):1471-1477 (1993).									
			AW5	Aggarwal, Bharat B. et al., "Human Tumor Necrosis Factor Production, Purification and Characterization," J. of Biol. Chem., 260(4):2345-2354 (1985).									
			AX5	Beutler, B. et al., "Purification of Cachectin, A Lipoprotein Lipase-Suppressing Hormone Secreted by Endotoxin-induced RAW 264.7 Cells," J. Exp. Med., 161:984-995 (1985).									
Villagi)	Factor/Cachectin for Reco				, "Requirement of Endogenous Tumor Necrosis very from Experimental Peritonitis," <i>J. of</i> 3766 (1990).								
			AZ5	Smith, Craig R., "Human an 4Abstract, <i>Endotoxemia & S</i>	nd Chimeric Antibodies to LPS and TNF," Sepsis Conference (1991).								
			AR6	Bodmer, Mark, "Humanized A Endotoxemia & Sepsis Confe	ntibodies for Anti-TNF rence (1991).	Therapy," Abstract,							
			AS6	Genebank Accession, No. N9	0300 (1989,November 1).								
			AT6	Genebank Accession, No. M3	2046 (1990, June 15).								
			AU6	Paulus, H., "Preparation a Antibodies", Behring Inst.	nd Biomedical Applicati Mitt, No.78:118-132 (1	lons of Bispecific 1985).							
			AV6	Whittle, Nigel, et al., "C Anti-TNF Antibody," J. Cel	onstruction and Express 1 Biochem, Supl. 13A:96	sion of a CDR-Grafted 5 (1989).							
			AW6	Gorman, S.D. and Clark, M. for therapy," Sem Immunol,	R., "Humanisation of mo 2:457-466 (1990).	onoclonal antibodies							
8	γ.	6	AX6	Protect Against Lethal Esc	, et al., "ANTI-IL-6 Monoclonal Antibodies scherichia Coli Infection and Lethal Tumor e in Mice," J Immunol, 145:4185-4191 (1990).								
	EX	EXAMINER		PHILLA GIMBEL	DATE CONSIDERED Q/29(64)								

				SHEEF O OF TA					
PTO-1449	REPRODU	CCED	ATTORNEY DOCKET NO. 0975.1005-014	APPLICATION NO. 10/010,229					
		IN AN APPLICATION	APPLICANT Junming Le et al.	SEP 2 5 2002					
		September 19, 2002 SP 2 3 2002 everal sheets if necessary)	FILING DATE December 7, 2001	GROUP 1644 TECH CENTER 1600/2					
	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Btc.)								
M	AY6	Duncombe, Andrew al., "Tumor Necrosis Factor Mediates Autocrine Growth Inhibition in a Chronic Leukemia," J Immunol, 143:3828-3834 (1989).							
1	AZ6	Necrosis Factor Production	Aderka, Dan et al., "IL-6 Inhibits Lipopolysaccharide-Induced tumor Necrosis Factor Production in Cultured Human Monocytes, U937 Cells, and in Mice," J Immunol, 143:3517-3523 (1989).						
	AR7	Intravascular Coaqulopathy	Aderka, Dan, "Role of Tumor Necrosis Factor in the Pathogenesis of Intravascular Coagulopathy of Sepsis: Potential New Therapeutic Implications," <i>Isr J Med Sci</i> , 27:52-60 (1991).						
	AS7	Lassalle, Ph., et al., "Po Bronchial Asthma," <i>Int Arc</i>	otential Implicaton of th Allergy Appl Immunol	Endothelial Cells in , 94:233-238 (1991).					
	AT7	Fong, Yuman and Lowry, Stephen F., "Tumor Necrosis Factor in the Pathophysiology of Infection and Sepsis," Clin Immunol Immunopathol, 55:157-170 (1990).							
	AU7	Eck, Michael J. and Sprand Necrosis Factor-« at 2.6 A (1989).	g, Stephen R., "The Str A Resolution," <i>J Biol C</i>	Tucture of Tumor Them, 264:17595-17605					
	AV7	Gillies, Stephen D. et al antibodies using adapted of Methods, 125:191-202 (1989)	cDNA variable region ca	on of chimeric ssettes," J Immunol					
	AW7	Kameyama, Koh-zoh, et al. of chimeric mouse/human a	, "Convenient plasmid v ntibodies," <i>FEBS Lett</i> ,	rectors for construction 244:301-306 (1989).					
,	AX7	Hayashi, H. et al., "An En Recombinant Human Tumor "No Recent Adv. Chemother, 820	ecrosis Factor Using Mc	pent Assay for pnoclonal Antibody,"					
	AY7	Hirai, Makoto et al., "Pro antibodies to human tumor (1987).	oduction and characteri necrosis factor," <i>J In</i>	zation of monoclonal nmunol Methods, 96:57-62					
	A27	Sunahara, N. et al., "Sim human tumor necrosis factor wall carrier," J Immunol	or « and its antibodies	using a bacterial cell					
	AR8	Oliff, A., et al., "Tumors Secreting Human TNF/Cachectin Induce							

16

AS8

Luettig, B., et al., "Evidence For The Existence Of Two Forms Of Membrane Tumor Necrosis Factor: An Integral Protein And A Molecule Attached To Its Receptor," The Journal of Immunology, 143:4034-4038 (1989).

Mice," The Journal of Experimental Medicine, 171:629-636 (1990).

mule, J.J., et al., "Antitumor Activity of Recombinant Interleukin 6 in

Cachexia in Mice," Cell, 50:555-563 (1987).

EXAMINER

PHILLIP GAMBER

DATE CONSIDERED
9/24/04

۵ .	PTO-1449 REPRODUCED	ATTORNEY DOCKET NO. 0975.1005-014	APPLICATION NO. 10/010,229
	INFORMATION DISCLOSURE CITATION IN AN APPLICATION	APPLICANT Junming Le et al.	
神區區 基本公司 经分别条	September 19, 2002	FILING DATE	GROUP

(Use several sheets if necessary) December 7, 2001 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Barbuto, J.A.M. "Production of neutralizing antibodies to tumor necrosis factor by human tumor-infiltrating B lymphocytes," Proceedings of the American Association for Cancer Research, 34:487, Abstract 2904, (1993). Bendtzen, K., et al., "Auto-Antibodies To IL-lα and TNFα In Normal Individuals And In Infectious And Immunoinflammatory Disorders," The Physiological and Pathological Effects of Cytokines, 10B:447-452 (1990).Fomsgaard, A., et al., "Auto-Antibodies To Tumour Necrosis Factor α In AWR Healthy Humans And Patients With Inflammatory Diseases And Gram-Negative Bacterial Infections," Scand. J. Immunol., 30:219-223 (1989). James, K. and Bell, G.T., "Human Monoclonal Antibody Production Current Status And Future Prospects," Journal of Immunological Methods, 100:5-40 (1987). Alberts, B. et al., Molecular Biology of the Cell, Garland Publishing Inc., pp 182-183 (1983). Simpson, S.Q., et al., "Role Of Tumor Necrosis Factor In Sepsis And Acute Lung Injury," Critical Care Clinics, 5:27-47 (1989). Bendtzen, K., et al., "Native inhibitors (autoantibodies) of IL-1 α and AR9 TNF," Immunology Today, 10(7):222 (1989). Davenport, C., et al., "Stimulation Of Human B Cells Specific For Candida Albicans For Monoclonal Antibody Production," FEMS Microbiol Immunol, 4(6):335-343 Abstract (1992). Pennica, D., etala, "Human tumour necrosis factor: precursor AT9 structure, expression and homology to lymphotoxin," Nature, 312(20/27):724-729 (1984). Gray, P.W., et al., "Cloning and expression of cDNA for human AU9 lymphotoxin, a lymphokine with tumour necrosis activity," Nature, 312(20/27):721-724 (1984). Petersen, C.M., et al., "Bioactive human recombinant tumor necrosis factor-Q: an unstable dimer?*," Eur. J. Immunol., 19:1887-1894 (1989). Smith, C. A., et al., "A Receptor for Tumor Necrosis Factor Defines an AW9 Unusual Family of Cellular and Viral Proteins," Science, 248:1019-1023 (1990).Brennan, F.M., et al., "Inhibitory Effect Of TNFa Antibodies On AX9 Synovial Cell Interleukin-1 Production In Rheumatoid Arthritis," The Lancet, 244-247 (1989). Hahn, T., et al., "Use of monoclonal antibodies to a human cytotoxin AY9 for its isolation and for examining the self-induction of resistance to this protein," Proc. Natl. Acac. Sci. USA 82:3814-3818 (1985). DATE CONSIDERED EXAMINER

PHILLIP GAMBO

September 19, 2002 175° (75) FILING DATE December 7, 2001 SEP 2 5 2002

GROUP TECH CENTER 1600/29 1644

(Use several sheets if hecespary) 700 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Grau, G.E., et 1., "Tur Necrosis Factor (Cachectin) as an Essential Mediator in Murinal Substantia, " Science, 237:1210-1212 (1987). Barbanti, E., et al., "A high-affinity neutralizing anti-human TNF-AR10 alpha monoclonal antibody that cross-reacts with human TNF-beta," Abstracts, March 6th-9th (1991). Jones, E.Y., et al., "Structure of tumour necrosis factor," Nature, 338:225-228 (1989). Clark, W. R., "Types of Antibody Reactions," In The Experimental Foundations of Modern Immunology, (NY: John Wiley & Sons, Inc.) 4th Ed., pp 143-155 (1991). AU10 Beutler, B., et al., "Cachectin and tumour necrosis factor as two sides of the same biological coin," Nature, 320:584-588 (1986). Folks, T. M., et al., "Tumor Necrosis factor α induces expression of human immunodeficiency virus in a chronically infected T-cell clone," Proc. Natl. Acad. Sci. USA, 86:23'65-2358 (1989). Hird, V., et al., "Immunotherapy with Monoclonal Antibodies," In Genes and Cancer (John Wiley & Sons, Ltd.) (1990). 12605 183-189. AX10 Rhein, R., "Another sepsis drug down-Immunex' TNF receptor," Biotechnology Newswatch, Monday, October 4, 1993, pp. 1,3. AY10 Boyle, P., et al., "A Novel Monoclonal Human IgM Autoantibody which Binds Recombinant Human and Mouse Tumor Necrosis Factor-α," Cellular Immunology, 152:556-568 (1993). Boyle, P., et al., "The B5 Monoclonal Human Autoantibody Binds to Cell Surface TNFlpha on Human Lymphoid Cells and Cell Lines and Appears to Recognize a Novel Epitope," Cellular Immunology, 152:569-581 (1993). AR11 Sheehan, K.C.F., et al., "Generation And Characterization Of Hamster Monoclonal Antibodies That Neutralize Murine Tumor Necrosis Factors," The Journal of Immunology, 142(11):3884-3893 (1989). AS11 Jacob, C.O., et al., "Tumour necrosis factor- α in murine autoimmune 'lupus' nephritis," Nature, 331:356-358 (1988). DATE CONSIDERED EXAMINER PHUMP GAMBEL 9/24/04

	PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. APPLICATION NO. 10/010,229						
 		`\ \	MATION DISCLOSURE CI IN AN APPLICATION	ITATION LANGUE DE LA SECTION	APPLICANT Junming Le et al.	, ,	era.	:: :::	
7	.5 2		October 9, 2002 several sheets if neces	essary)	FILING DATE December 7, 2001	GROUP 1644			
RADI	EMA	AN CO.		U.S.	PATENT DOCUMENTS		,		
EXA INE INI TIA	M- R		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING IE APPROP	,
N	N	AE2	4,816,567	03/28/89	Cabilly et al.		DE	CEN	בח
7		AF2	5,075,236	12/24/91	Yone et al.	_		CEIV	- 1
		AG2	5,959,087	09/28/99	Rathjen et al.		00	182	002
		AH2	5,360,716	11/01/94	Ohmoto, Y. et al.	_	TECH CE	NTER 16	00/29
				FOREIG	N PATENT DOCUMENTS	, -	_	,	
			DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSL YES	ATION NO
		AM7	WO92/01059	23 JAN 92	PCT				
		AN7	02-227095	10 SEP 90	JР			х	
		A07	61-047500	07 MAR 86	JP			-X	
			OTHER DOCUMENTS	(Including Au	thor, Title, Date, Pertinent	Pages,	Etc.)		
		AT11	Antibodies Agai	nst Recombi	on and Characterizatio nant Human Tumor Necro 7(2):121-126 (1991).				
	•	AU11	Engineered Anti	bodies: Pro	of Amphipathic Epitop oduction of Modified Im Nybridoma, 19(6):463-47	munoglo	bulins		
		AV11	Paul, W.E. (Ed. Ltd., pp. 292-2		ntal Immunology, 3 rd Edi	tion,	Pub. Ra	ven Pr	ess
		AW11	Borrebaeck, C.A University Pres		Antibody Engineering, 1995).	2 nd Edi	tion, Pu	b. Oxf	ord
		AX11	necrosis factor	block its	dies against amino aci binding to cell-surfac 829-8833 (1987).				
M	5	1 /11			actors in Clinical Pra :235-239 (1990).	ctice"	, Annals	s of t	he
<u> </u>	\dashv								
EXA	MIN		we/sma	•	DATE CONSIDERED,	7			

Staten	nent Un	der 37 CFR 1.97(e)						
[]	any co	tem of information contained in this Information Disclosure Statement was first cited in immunication from a foreign patent office in a counterpart foreign application not more more months prior to the filing of this Information Disclosure Statement; or						
[]	No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.							
Staten	nent Un	der 37 CFR 1.704(d) (Patent Term Adjustment) Applies to original applications (other than design) filed on or after May 29, 2000						
[]	comm was no	ach item of information contained in the Information Disclosure Statement was cited in a sommunication from a foreign patent office in a counterpart application and this communication as not received by any individual designated in § 1.56(c) more than thirty days prior to the ling of the Information Disclosure Statement.						
[X]	Enclos	sed herewith is form PTO-1449:						
	[]	Copies of the cited references are enclosed.						
	[X]	Copies of cited references are enclosed except those entered in prior application, U.S. Application No. <u>09/927,703</u> , to which priority under 35 U.S.C. 120 is claimed. The earlier application contains copies of the cited references.						
	[]	The listed references were cited in the enclosed International Search Report in a counterpart foreign application.						
	[X]	The "concise explanation" requirement (non-English references) for references AN7 and AO7 under 37 CFR 1.98(a)(3) is satisfied by:						
		[] the explanation provided on the attached sheet.						
		[] the explanation provided in the Specification.						
*		[] submission of the enclosed International Search Report.						
		[X] the enclosed English language abstracts and also reference AH2, which is a U.S. equivalent of AN7. Copies of references AH2, AN7 and AO7 are enclosed in prior application U.S. Application No. <u>09/927,703</u> , to which priority under 35 U.S.C. 120 is claimed.						
[X]	Applic	ant requests that the following pending applications be considered:						
Examiner's Initials		U.S. Patent Application No. 10/227,488, by Jumming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed August 23, 2002, Docket No.: 0975.1005-028						
	•	Pitturi Carmy of C1/4/04 Examiner Date						

Staten	ent U	nder 37	CFR 1.97(e)							
[]	any c	ommun	information contained in this Information Disclosure Statement was first cited in ication from a foreign patent office in a counterpart foreign application not more onths prior to the filing of this Information Disclosure Statement; or							
[]	comn know in the	No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.								
Statem	ent Ur	nder 37	CFR 1.704(d) (Patent Term Adjustment) Applies to original applications (other than design) filed on or after May 29, 2000							
[]	comm was n	nunicati ot recei	information contained in the Information Disclosure Statement was cited in a on from a foreign patent office in a counterpart application and this communication ved by any individual designated in § 1.56(c) more than thirty days prior to the information Disclosure Statement.							
[X]	Enclosed herewith is form PTO-1449:									
	[]	Copie	es of the cited references are enclosed.							
	[X]	Appli 09/13	es of cited references are enclosed except those entered in prior applications, U.S. cation No. <u>09/927,703</u> , U.S. Application No.: <u>09/756,398</u> and U.S. Application No.: <u>3,119</u> to which priority under 35 U.S.C. 120 is claimed. The earlier applications ins copies of the cited references.							
Garingeri.	[X]	Some Europ AU, A AL5]	of the listed references were cited in the enclosed International Search Report and bean Search Report in a counterpart foreign application. [ISR References AS, AT, AZ, AX7, AY7 and AZ7; ESR References AP2, AM3, AN3, AO3, AP3, AQ3 and							
	[]	The " under	concise explanation" requirement (non-English references) for reference(s) [37 CFR 1.98(a)(3) is satisfied by:							
		[]	the explanation provided on the attached sheet.							
		[]	the explanation provided in the Specification.							
		[]	submission of the enclosed International Search Report.							
		[]	the enclosed English language abstract.							
[X]	Applie	cant req	uests that the following pending applications be considered:							
Examiner's Initials	,									

U.S. Patent Application No. 09/156,398, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Kright and Scott Siegel, filed January 8, 2001, Docket No.: 0975.1005-006

U.S. Patent Application No. 09/756,301, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed January 8, 2001, Docket No.: 0975.1005-008

PHULIP GAMBEL 00/ 20/04

U.S. Patent Application No. 09/766,535, by Junming Le, Jan Vilcek, Peter Daddona John Ghrayeb, David M. Knight and Scott Siegel, filed January 18, 2001, Docket No.: 0975.1005-010 U.S. Patent Application No. 09/89/1,724, by Junming Le, Jan Vilçek, Peter Daddona, John Ghrayeb, David M. Knight, and Scott Siegel, filed July 2, 2001, Docket No .: 0975.1005-012 U.S. Patent Application No. 09/927,703, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed August 10, 2001, Docket No.: 0975.1005-013 U.S. Patent Application No. 10/043,450, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed January 10, 2002, Docket No.: 0975.1005-015 U.S. Patent Application No. 10/044,534, by Junning Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Sjegel, filed January 10, 2002, Docket No.: 0975.1005-016/ U.S. Patent Application No. 10/043,432 by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed January 10, 2002, Docket No.: 0975.1005/017 U.S. Patent Application No. 10/043,436, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed January 10, 2002, Docket No.: 0975.1005-018 U.S. Patent Application No. 10/176, 460, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed June 20, 2002, Docket No.: 0975.1005-019 U.S. Patent Application No. 10/187,121, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M./Knight and Scott Siegel, filed June 28, 2002, Docket No.: 0975.1005-020 U.S. Patent Application No. 10/186,559, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed June 28, 2002, Docket No .: 0975.1005-021 U.S. Patent Application No. 10/198,845, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed July 18, 2002, Docket No.: 0975.1005-022/ U.S. Patent Application No. 10/200,795, by Juriming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed July 22, 2002, Docket No.: 0975.1005±023 U.S. Patent Application No. 10/208,145, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed July 29, 2002, Docket No.: 0975,1005-024

Phungyman

Date